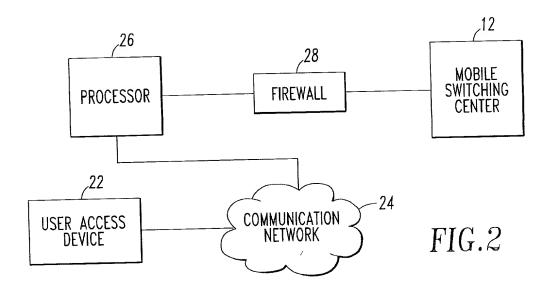
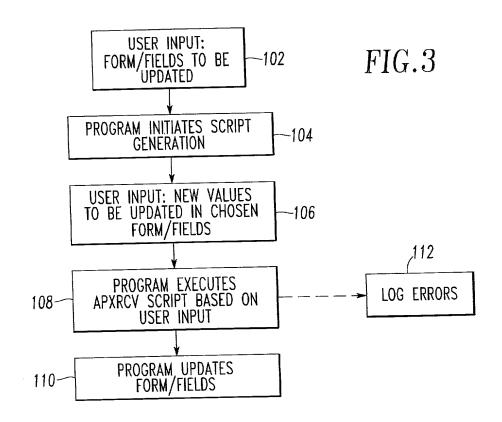


FIG.1





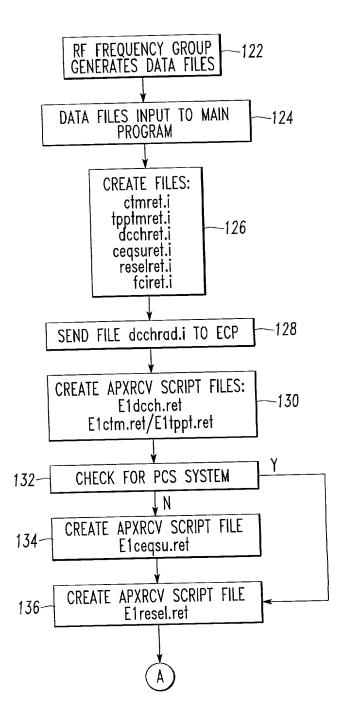
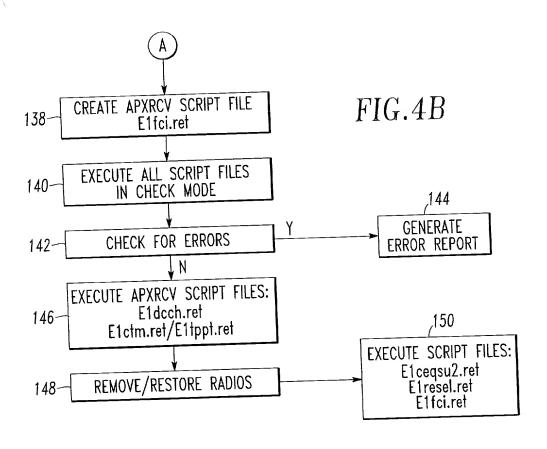


FIG.4A



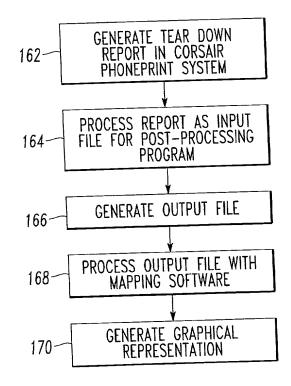
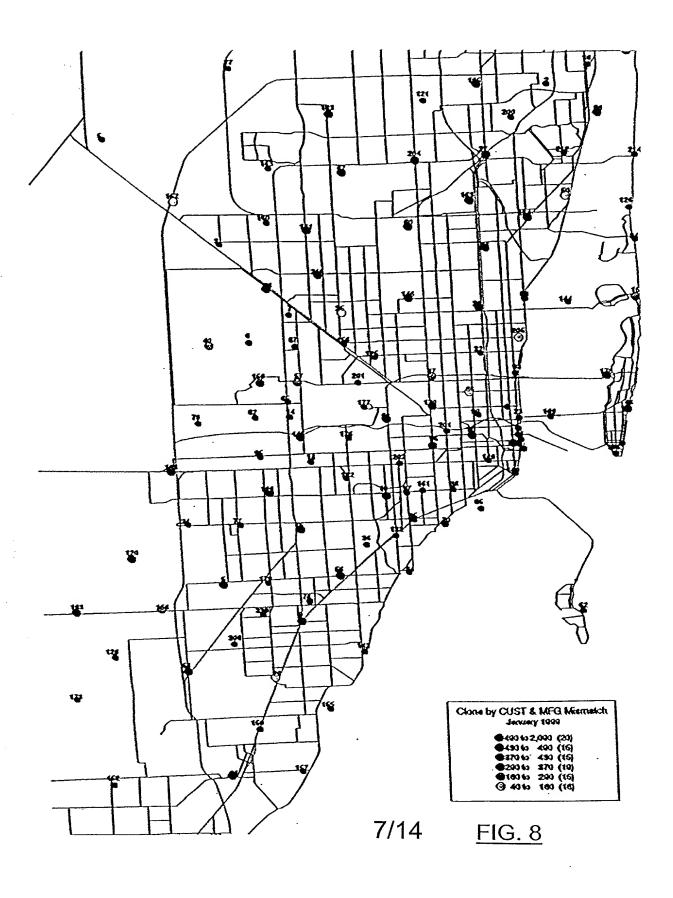


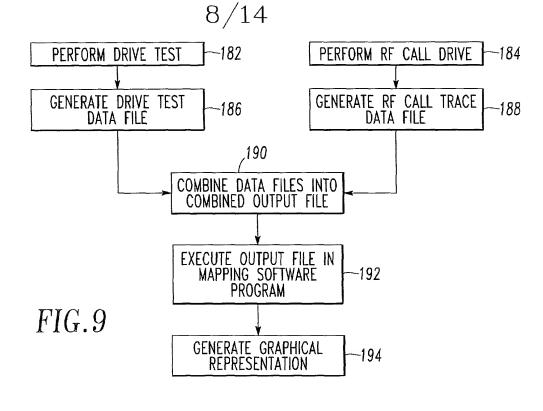
FIG.5

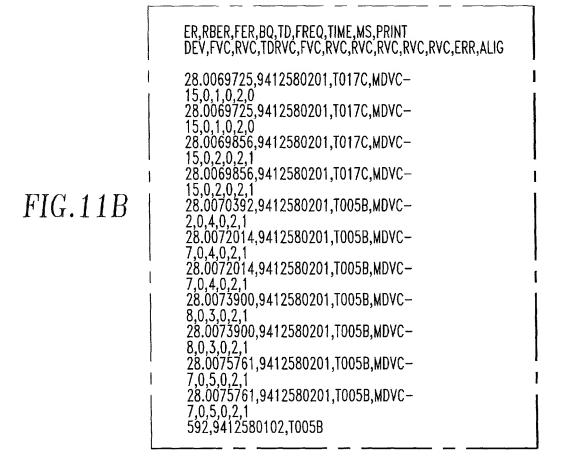
	e(2) Site_ID		Dialed_Digits	Tear-Down_Reasor	
12/25/99	19:26:09	20	2012075854	12014981322	MFG
12/23/99	14:56:20	219	2012075854	5617767114	MFG
12/26/99	21:40:32	167	2012130072	19547814445	MFG
12/23/99	19:06:49	82	2012134416	9544289147	MFG
12/23/99	19:06:23	82	2012134416	9544289147	MFG
12/25/99	17:23:55	82	2012134416	9544285083	MFG
12/25/99	15:06:20	82	2012134416	2015680907	MFG
12/25/99	13:04:16	82	2012134416	2015680907	MFG
12/25/99	13:04:05	82	2012134416	2015680907	MFG
12/25/99	13:03:53	82	2012134416	2015680907	MFG
12/25/99	13:03:31	82	2012134416	2015680907	MFG
12/25/99	13:01:49	82	2012134416 2012134416	2015680907 2015680907	MFG
12/25/99	12:53:38 12:52:32	82 82	2012134416	2015680907	MFG MFG
12/25/99		82	2012134416	2015680907	MFG
12/25/99	12:52:03 12:50:48	82 82	2012134416	2015680907	MFG
12/25/99 12/25/99	12:30:40	82	2012134416	2015680907	MFG
12/25/99	12:40:13	82 82	2012134416	5680907 MFG	MITG
12/24/99	11:58:50	82	2012134416	8003328463	MFG
12/24/99	11:58:08	82	2012134416	8003328463	MFG
12/24/99	10:03:16	82	2012134416	9544289147	MFG
12/22/99	14:58:09	80	2012300764	19546467166	MFG
12/29/99	10:54:28	177	2012499657	19086881800	MFG
12/29/99	10:51:49	177	2012499657	9412503698	MFG
12/29/99	10:25:04	145	2012499657	12012400657	MFG
12/29/99	10:24:42	145	2012499657	12012400657	MFG
12/27/99	21:26:01	49	2012476225	15616551115	MFG
12/24/99	19:22:48	219	2012476225	15615551212	MFG
12/24/99	19:22:26	219	2012476225	15615551212	MFG
12/24/99	19:22:06	219	2012476225	15615551212	MFG
12/24/99	19:13:38	219	2012476225	5617950022	MFG
12/27/99	12:01:06	20	2012476225	15614996976	MFG
12/23/99	16:23:47	12	2012640686	3105152822	MFG
12/23/99	16:17:19	12	2012640686	3105152822	MFG

FIG.6

```
>pg map1299
ECP, CellNo, Longitude, Latitude, Count
4,1,-80.1675,26.155278.148
3,5,-80.361111,25.699444,209
1,6,-80.171667,26.36,675
1,7,-80.144167,26.562778,173
1,8,-80.109722,26.760556,76
3,9,-80.317222,25.679444,311
3,10,-80.266667,25.747222,115
4,15,-80.123056,25.854167,510
4,16,-80.198611,26.248889,401
1,18,-80.088889,26.45,380
1,20,-80.058611,26.651944,216
4,22,-80.210833,25.848611,138
4,23,-80.128889,26.085833,844
4,25,-80.288889,25.845556,55
1,26,-80.201111,26.630833,251
4,27,-80.204722,25.93,590
3,38,-80.360833,25.596667,255
3,39,-80.333889,25.649444,584
4,30,-80.415,26.086389,207
4,31,-80.175833,26.121944,128
1,37,-80.681389,26.686667,213
4,40,-80.364444,25.828333,156
4,42,-80.286944,25.920556,147
4,43,-80.168056,26.024722,333
3,46,-80.129167,25.793611,2694
3,47,-80.238611,25.811389,121
1,49,-80.051667,26.711944,381
4,50,-80.160556,25.908611,187
4,52,-80.26,26.121667,456
4,53,-80.105556,26.136389,501
3,54,-80.383333,25.653056,81
  ,55,-80.249444,26.268333,314
3,56,-80.294722,25.703889,184
3,57,-80.315,25.808333.21
3,58,-80.265278,25.788333,267
 4,60,-80.25,25.891667,205
4,61,-80.090833,26.230278,147
4,64,-80.211667,26.0175,595
```







MC	DBILE TELEF	PHONE CELL T	RAFFIC RECO	RDING
	DIGITAL SIG	SNAL STRENGT	H MEASURME	NTS
MSNB	CELL	DEV	SSFVC	SSRVC
9412580201	TO17C	MDVC-1060	23	20
SSSTDRVC	BERFVC	BERRVC	RBERRVC	FERRVC
6	3	2	2	0
BQRVC	TDRVC	FREQERR	TIMEALIGN	MSPOW
6	3	1	0	2
T017A T017B T006B T016B T004A T005B T005A T018A	NSSFFMC 5 23 17 13 29 33 23 21	MEASCHAN 1260 1272 1300 1305 1251 1302 1290 1294 1303	VIND Y Y Y Y Y Y Y	
TIMW 11:08:27 END	PRINTIN 0	D	FCODE	
	PHONE CEL	L TRAFFIC RE	CORDING CAN	IDIDATE LIST FOR
MSNB	CELL	TIME	FCODE	URGENCY
9412580201	TO17C	11:08:28		0
CANDCELL	CELLT	YPE	NTYPE	RATING
T005B	0		STD	0
END				

FIG.10

## XTEL LOG FILE

```
DATE, TIME, LONGITUDE, LATITUDE, ALT, SPEED, HEADING, DPS_MODE, PHONE_TASK, TASK
DESC, CHAN, RSSI, MODTYPE, SLOT, CHANTYPE, SAT, DVCC, POWER, BER, BER_CODE, SBI, TA, CELL1. DISTANCE1, CELL2, DISTANCE2, CELL3, DISTANCE3, LOWER_CTOA, UPPER_CTOA
 ,COCHA_RSSI,MARKER,CHÁN_GRP,EVENT,EVINFO,BAND,LISTTYPE,LISTCT,CHAN1,RSS
 11,CHANZ,RSS12,CHAN3,RSS13,CHAN4,RSS14,CHAN5,RSS15,CHAN6,RSS16,CHAN7,RS
SI7, CHAN8, RSSI8, CHAN9, RSSI9, CHAN10, RSSI10, CHAN11, RSSI11, CHAN12, RSSI12, CHAN13, RSSI13, CHAN14, RSSI14, CHAN15, RSSI15, CHAN16, RSSI16, CHAN17, RSSI17, CHAN15, RSSI16, CHAN17, RSSI17, CHAN16, RSSI16, CHAN17, RSSI17, CHAN17, RSSI17, CHAN17, RSSI17, CHAN18, RSSI18, CHAN18, CHAN18, CHAN18, CHAN18, CHAN18, CHAN18, CHAN18, CHAN18, CHAN18, CHAN1
AN18, RSS118, CHAN19, RSS119, CHAN20, RSS120, CHAN21, RSS121, CHAN22, RSS122, CHA
 N23, R$S123, CHAN24, R$S124, CHAN25, R$S125, REVISION
 7/30/99,11:08:27.-
 82.3321883,27.9813839,9,40.3,86.9,G8,5,Conversation,1218,-
 93,D,3,V,3,5,2,0.87,3,0,0,,,,,,14,15,-100,0,8,,,1,Neig,9,1284,-
89,1302,-93,1300,-103,1255,-107,1317,-109,1303,-109,1314,-111,1305,-
  111,1315,
 7/30/99,10:52:47,
  82.3321883,27.9813839,9,40.3,86.9,G8,5,Conversation,1218,-
  93,D,3,V,3,5,2,0.84,3,0,0,,,,,,14,15,-100,0,8,,,1,Neig,9,1284-
  89,1302,-93,1300,-103,1303,-107,1255,-109,1314,-111,1317,-111,1305,-
  111,1315.
  7/30/99.10:52:48.-
  82.33219553,27.9813947,10,43.1,,87.0,G8,5,Conversation,1218,-
93,D,3,V,3,5,2,0.84,3,0,0,,,,,,-10,38,-137,0,8,,,1,Neig,9,1284-
89,1302,-93,1300,-103,1303,-107,1255,-109,1314,-111,1317,-111,1305,-
    111,1315,
   7/30/99,10:52:48,
   82.3319553,27.9813947,10,43.1,87.0,G8,5,Conversation,1218,-
95,D,3,V,3,5,2,0.84,3,0,0,,,,,,-10,38,-137,0,8,,,1,Neig,9,1284-
83,1302,-93,1300,-101,1303,-105,1255,-109,1305,-111,1314,-113,1315,-
    113,1317,-
    7/30/99.10:52:49,-
    82.3317164,27.9814044,10,44.7,87.2,G8,5,Conversation,1218,-
    95,D,3,V,3,5,2,0.99,3,0,0,,,,,,-10,38,-137,0,8,,,1,Neig,9,1284-83,1302,-93,1300,-101,1303,-105,1255,-109,1305,-111,1314,-113,1315,-
    111,1317,-
```

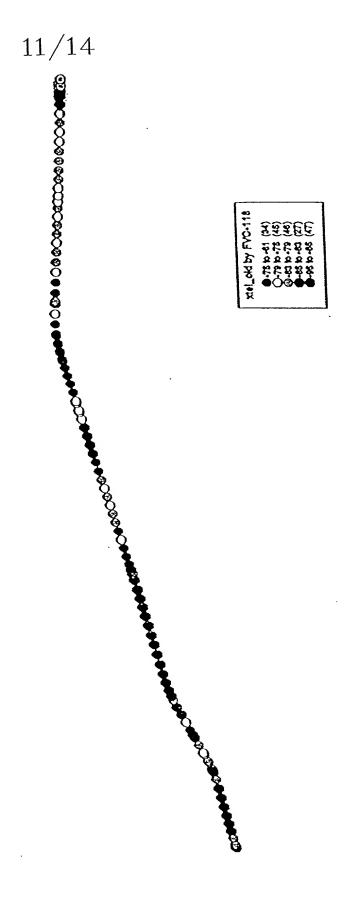


FIG.12

## 

FIG.13A

```
Time,Long,Lat,CellNo,SS,
12:41:29,28,6559300,-18.205792000,1353,-124
12:41:29,28,6559300,-18.205792000,201,-106
12:41:29,28,6559300,-18.205792000,32,-106
12:41:29,28,6559300,-18.205792000,321,-76
12:41:29,28,6559300,-18.205792000,323,-66
12:41:29,28,6559300,-18.205792000,831,-100
12:41:30,28,6559260,-18.205580000,323,-66
12:41:31,28,6559170,-18.205380000,321,-75
12:41:31,28,6559170,-18.205380000,321,-75
12:41:31,28,6559170,-18.205380000,323,-64
12:41:32,28,6559080,-18.205198000,323,-63
12:41:33,28,6558950,-18.204922000,321,-73
12:41:33,28,6558950,-18.204922000,323,-62
12:41:34.28.6558900,-18.204769000,321,-73
 12:41:34,28,6558900,-18.204769000,321,-73
 12:41:34,28,6558900,-18.204769000,322,-98
 12:41:34,28,6558900,-18.204769000,323,-61
 12:41:35,28,6558900,-18.204577000,1353,-124
 12:41:35,28,6558900,-18.204577000,201,-105
 12:41:35,28,6558900,-18.204577000,202,-106
 12:41:35,28,6558900,-18.204577000,32,-105
 12:41:35,28,6558900,-18.204577000,323,-63
 12:41:35,28,6558900,-18.204577000,831,-99
 12:41:37,28,6558970,-18.204219000,321,-73
 12:41:37,28,6558970,-18.204219000,323,-67
 12:41:38,28,6559000,-18.204044000,321,-74
 12:41:38,28,6559000,-18.204044000,323,-67
 12:41:38,28,6559000,-18.204044000,321,-74
 12:41:38,28,6559000,-18.204044000,323,-67
 12:41:40,28,6559020,-18.203683000,1353,-122
 12:41:40,28,6559020,-18.203683000,202,-104
 12:41:40,28,6559020,-18.203683000,32,-105
 12:41:40,28,6559020,-18.203683000,321,-73
 12:41:40,28,6559020,-18.203683000,322,-96
 12:41:40,28,6559020,-18.203683000,323,-67
 12:41:41,28,6559070,-18.203457000,321,-72
 12:41:41,28,6559070,-18.203457000,323,-66
 12:41:42,28,6559100,-18.203125000,321,-71
 12:41:42,28,6559100,-18.203125000,323,-66
```

## 13/14

v
Ph#: (407) 9223002 Call clear by MS - mobile clear v
(40/)9223002 cell 323 rrssi -// attn 4 snr 40  v
(407) 9223002 Cell_id RSSI:/323 / -73  v
(407) 9223002 Cell_id RSSI:/323 / -73  v
Call Monitor: Adj. cell RSSI values from Scanning Rcvr. (407) 9223002 Cell_id RSSI:/322 / -103  v
Call Monitor: Adj. cell RSSI values from Scanning Rcvr.  (407) 9223002 Cell_id RSSI:/861 / -96  v
(407) 9223002 Cell_id RSSI:/861 / -96  v
05/10/99 13:21:00 ALM INF 411/ / 135 G SRC Call Monitor: Adj. cell RSSI values from Scanning Rcvr. (407) 9223002 Cell_id RSSI:/1353 / -113 v
Call Monitor: Adi. cell RSSI Values from Scanning Rcvr.
(407) 9223002 Cell_id RSSI:/302 / -100 v
v—————————————————————————————————————
(407) 9223002 Cell_id RSSI:/323 / -71  v



tre0528\_oct by SS

O -65 to -66 (600)

-02 to -65 (534)

-03 to -42 (466)

-105 to -46 (540)

-116 to -106 (462)

-127 to -116 (566)

FIG.15